

APPLICANT(S): IDAN, Gavriel J. et al.  
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### AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (Currently amended) ~~A system of claim 37, said~~ An in-vivo device comprising:  
a semi-rigid shell defining an interior portion; and,  
wherein said a pressure sensor is connected to the shell and disposed within the interior portion.
2. (Previously presented) The device of claim 1 wherein the sensor is integral with the shell.
3. (Previously presented) The device of claim 1 wherein the sensor is attached to the shell.
4. (Currently amended) The ~~device of claim 1~~ system of claim 37 wherein the sensor is ring shaped.
5. (Cancelled)
6. (Previously presented) The device of claim 1 wherein the shell includes a portion which deforms in response to pressure.
7. (Previously presented) The device of claim 1 wherein the shell includes a stress-responsive element.
8. (Currently amended) The ~~device of claim 1~~ system of claim 37 comprising a power source.
9. (Cancelled)
10. (Currently amended) The ~~device of claim 1~~ system of claim 37 comprising a transmitter.
11. (Cancelled)
12. (Currently amended) The ~~device of claim 1~~ system of claim 37 comprising an illumination unit to produce illumination in proportion to a signal from the sensor.
- 13-26. (Cancelled)

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27. (Currently amended) ~~A system for collecting in vivo data, the system~~ The system of claim 37, further comprising:  
a receiving unit to receive pressure data from an in-vivo device; and  
a controller to analyze the pressure data and to determine a location of the in-vivo device based on said pressure data.
28. (Cancelled)
29. (Cancelled)
30. (Currently amended) ~~A method for collecting in vivo data, the method~~ The method of claim 38, further comprising:  
receiving pressure data from an in-vivo device; ~~and~~  
analyzing the pressure data; and  
determining a location of the in-vivo device based on said pressure data.
- 31-36. (Cancelled)
37. (New) A system for collecting and displaying in-vivo data, the system comprising:  
an in-vivo device including a pressure sensor and an imager; and  
a display to display in-vivo pressure data provided by said pressure sensor simultaneously with corresponding in-vivo images provided by said imager.
38. (New) A method for collecting and displaying in-vivo data from a GI tract, the method comprising:  
measuring in-vivo pressure data in the GI tract by an in-vivo device;  
collecting image data by said in-vivo device to produce an image of the GI tract;  
and  
simultaneously displaying said in-vivo pressure data and said image.